

SECTION 4. AMBIENT AIR QUALITY STANDARDS

The ambient air quality standards for Lancaster County, Nebraska are:

- (A) (1) PM_{10} .
Primary and secondary standards.
50 micrograms per cubic meter annual arithmetic mean.
150 micrograms per cubic meter 24 hour average with not more than one exceedance per year.
(Attainment of these standards are determined in accordance with Appendix K of 40 CFR Part 50 which is adopted and incorporated herein).
- (2) $PM_{2.5}$
Primary and secondary standards
15.0 micrograms per cubic meter annual arithmetic mean
65 micrograms
24 hours average
(Attainment of these standards are determined in accordance with Appendix N of 40 CFR Part 50 which is adopted and incorporated herein.)
- (B) Sulfur dioxide
(1) Primary standards:
(a) 80 micrograms per cubic meter (0.03 ppm) annual arithmetic mean.
(b) 365 micrograms per cubic meter (0.14 ppm) maximum 24 hour concentration not to be exceeded more than once a year.
(2) Secondary standard:
(a) 1300 micrograms per cubic meter (0.5 ppm) as a 3-hour concentration not to be exceeded more than once a year.
- (C) Nitrogen dioxide
Primary and secondary standards:
100 micrograms per cubic meter (0.05 ppm) annual arithmetic mean.
- (D) Carbon monoxide
Primary and secondary standards:
(a) 10 milligrams per cubic meter (9 ppm) as a maximum 8-hour concentration not to be exceeded more than once a year.
(b) 40 milligrams per cubic meter (35 ppm) as a maximum 1-hour concentration not to be exceeded more than once a year.
- (E) Ozone
Primary and secondary standard:
235 micrograms per cubic meter (.12 ppm) as a maximum 1-hour concentration not to be exceeded more than one day a year. (Attainment of this standard is determined; in accordance with Appendix H of 40 CFR Part 50; which is adopted and incorporated herein).
- (F) Lead
Primary and secondary standard:
1.5 micrograms per cubic meter calendar quarter arithmetic mean.